# USER GUIDE

DROID BIONIC
BY MOTOROLA

verizon

Google™

MOTOROLA

# CONGRATULATIONS

## DROID BIONIC™ BY MOTOROLA

DROID BIONIC by Motorola doesn't just raise the bar—it gives the bar altitude sickness. With tons of advanced features, you'll be able to do nearly everything with your smartphone—video, web browsing, multimedia, and more.

- Surf the web with a blistering fast dual-core 1 GHz processor. 4G LTE connectivity gives you download speeds up to 10x faster than before.
- The webtop application lets you extend your DROID BIONIC with a full Firefox® browser, multi-window capabilities, keyboard and mouse support—all on the big screen.
- Capture life's moments in full 1080p HD video. Use the connected Gallery to gather all your photos and your friends' online albums in one place.

**Note:** Certain apps and features may not be available in all countries.

**Caution:** Before assembling, charging, or using your phone for the first time, please read the important legal and safety information in this guide.

## MORE

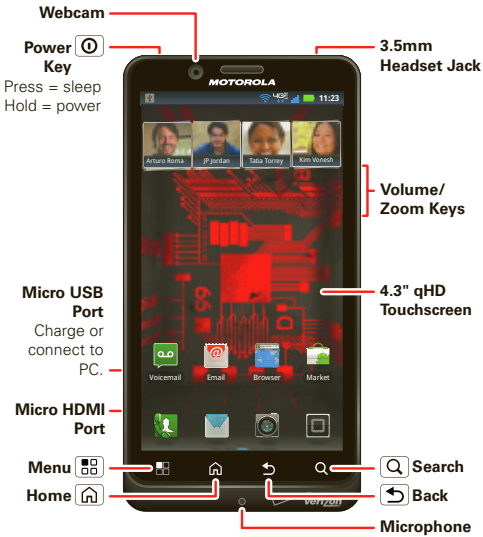
- **Answers:** Touch >  **Help Center**.
- **Updates:** Smartphone updates, computer software, user guides, online help, and more at www.motorola.com/support.
- **Accessories:** Find accessories for your smartphone at www.motorola.com/bionicaccessories.

**Notes:**

- All screens in this guide are simulated. Actual displays may vary.
- Instructions to perform tasks in this guide may change depending on the software version on your smartphone.
- Unless specified otherwise, all instructions to perform tasks in this guide assume that you are starting from the home screen.

# YOUR SMARTPHONE

*the important keys & connectors*




**Note:** Your smartphone might look a little different.

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# LET'S GO

*let's get you up and running*

## ASSEMBLE & CHARGE

**1** Cover off

**2** SIM in

**3** microSD in (already inserted)

**4** Battery in

**5** Cover on

**6** Charge up

**Caution:** Please read "**BATTERY USE & SAFETY**" on page 54.

**Tip:** To save battery life, see "**BATTERY TIPS**" on page 23.

## SET UP & GO

The first time you turn on your smartphone, a setup wizard guides you through signing in to your Google™ Gmail™ account. If you don't have one, don't worry, the wizard will help you create one.

After you log in to Gmail, you can set up social networking, or you can do it later.

**Note:** You don't need to have a Google Gmail account to use your phone. Feel free to skip this step if you don't have a Gmail account.

**Note:** Your phone supports data-intensive apps and services. It is strongly recommended that you purchase a data plan that meets your needs. Contact Verizon Wireless® for details.

**1** Press and hold Power ⏻ on top of your smartphone to turn it on.

**2** Select a language.

**3** Read and accept the Motorola agreement.

**4** Follow the setup wizard to create or log in to your Gmail account.

**Note:** If you have an existing Google Gmail account, your contacts from that account are synced to your smartphone.

## WI-FI CONNECT

If you want to use a Wi-Fi network for even faster Internet access, touch the status bar at the top of the home screen and drag it down. Touch the **Wi-Fi networks available** notification to select a preferred network.

You can also touch Menu > **Settings** > **Wireless & networks** > **Wi-Fi settings** to search for and connect to wireless networks. There's more in "**WI-FI**" on page 39.

## COOL CONTENT & MORE

Browse and download thousands of the coolest apps on the planet from Android Market™.

Download new apps with "**BROWSE & INSTALL APPS**" on page 10. Your smartphone comes with a microSD memory card installed—you can load it up with photos, videos, and music from your computer (see "**MEMORY CARD**" on page 43).

# TOUCHSCREEN & KEYS

*a few essentials*

## TOUCHSCREEN ON/OFF

Your touchscreen is on when you need it and off when you don't.

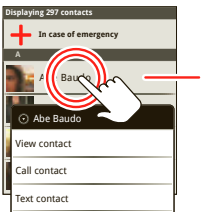
- To make your touchscreen sleep or wake up, just press Power .
- When you hold the smartphone to your ear during calls, your touchscreen sleeps to prevent accidental touches.
- To change how long your smartphone waits before the screen goes to sleep automatically, touch Menu > **Settings** > **Display** > **Screen timeout**.
- To make the screen lock when it goes to sleep, see "**SCREEN LOCK**" on page 50. To unlock the screen, press Power , then drag to the right.

**Note:** Your touchscreen might stay dark if the sensor just above it is covered. Don't use covers or screen protectors (even clear ones) that cover this sensor.

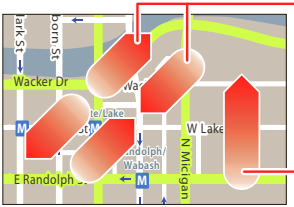
# TOUCH TIPS

It's all in the touch:

- **Touch:** Choose an icon or option.
- **Touch & Hold:** Show options.
- **Drag:** Scroll or move slowly.
- **Flick:** Scroll or move quickly.
- **Zoom:** Slide fingers apart or together to zoom in or out on Google Maps™, web pages, or photos.




Touch & hold to show options.

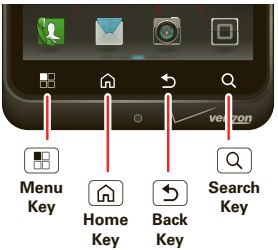



Slide two fingers apart or together to zoom in or out.

Drag or flick to scroll.

# KEY TIPS

## MENU, HOME, BACK, & SEARCH




Touch Home to close any menu or app and return to the home screen. In the home screen, touch and hold Home to show the most recent apps used, then touch an app to open it.

Touch Menu to open menu options.

Touch Back to go back.

Touch Search for text search, or touch and hold for voice search.

## POWER KEY MENU

Press and hold Power to open the power key menu, where you can turn off your smartphone (**Power off**), turn off all wireless connections and put the phone into low-power **Sleep** mode, or turn **Airplane mode** or **Silent mode** on and off.

## ADJUST VOLUME

Press the volume keys to change ring volume (in the home screen) or earpiece volume (during a call).

When playing music or video files, press the volume keys to adjust media volume.

## ROTATE THE SCREEN

When you turn your smartphone, the touchscreen can rotate to stay right-side up:

**Find it:** Menu > **Settings** > **Display** > **Auto-rotate screen**

## QUICK TIPS

If you're not sure what to do next, try one of these:

| To... | |
|---|---|
| **Get the details**—Open a text message, see details for a contact, or open items in other lists. | Touch the message, contact, or item. |
| **See screen menu**—Open a menu for the current screen. | Touch Menu. |
| **See item options**—Open an options menu (if available) for an item on the screen. | Touch & hold the item. |
| **Start again**—Go back to the home screen. | Touch Home. |
| **Wake up your smartphone**—Turn on a sleeping touchscreen. | Press Power. |

# HOME SCREEN

*quick access to the things you need most*

## QUICK START: HOME SCREEN

The *home screen* gives you all your latest information in one place. It's what you see when you turn on the smartphone or touch Home from a menu. It's basically like this:

**Status Indicators**

**Notifications**
Drag this bar down to see details.

Flick left or right to see more panels of widgets & shortcuts.

**Shortcuts**
Touch to open.

Open the app menu.

**Note:** Your home screen might look a little different.

The home screen extends left and right to give you more room for adding shortcuts, widgets, and more. Flick the home screen left and right to see more *panels* or to add widgets or shortcuts.

**Tip:** From the home screen, touch Home to see thumbnails of the five home screen panels. Touch a thumbnail to go to the panel.

## USE & CHANGE YOUR HOME SCREEN

On your home screen, *shortcuts* are icons that open your favorite apps, web bookmarks, contacts, mail labels, or music playlists. *Widgets* show you news, weather, messages, and other updates.

To see other panels of shortcuts and widgets, flick the home screen left or right. Or, touch and touch a thumbnail to go to the panel.

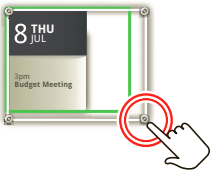
- To **open** something, touch it. Touch Home to return to the home screen.

  **Tip:** When you open a widget, touch Menu to see any options or settings (you can choose accounts for

**Calendar**, **Social Networking**, **Social Status**, or **Universal Inbox** widgets).

There's more about social networking widgets in "**YOUR SOCIAL NETWORKING ACCOUNT**" on page 20.

- To **resize** widgets, touch and hold a corner until you feel a vibration, then drag.
- To **add** something or change your wallpaper, touch and hold an empty spot until you see the **Add to Home screen** menu.



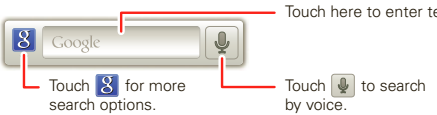

You can add a folder to organize your shortcuts.

- To **move** or **delete** something, touch and hold it until you feel a vibration, then drag it to another spot, another panel, or the trash at the top of the screen.

Shortcuts in the *dock* row at the bottom of the home screen always appear in all panel views. You can change the dock shortcuts (except for the launcher icon that opens the app menu). Touch and hold a dock shortcut, then select the shortcut you want to replace it.

## SEARCH

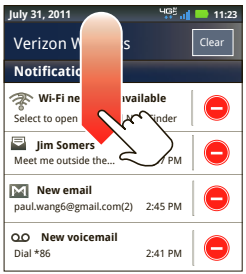
Touch Search, then use the window that appears.




## SMARTPHONE STATUS & NOTIFICATIONS

Icons at the top of the screen notify you about messages and smartphone status. To see your notifications, touch the status bar and drag it down. Touch a notification to select it.

To dismiss a single notification, touch . To dismiss all notifications, touch Clear.



| | | | |
|---|---|---|---|
| | network (full signal) | | 3G (fast data) |
| | network (roaming) | | 4G (fastest data) |
| | network (no connection) | | GPS active |
| | Wi-Fi in range | | Wi-Fi connected |
| | Bluetooth® on | | Bluetooth connected |
| | USB connected | | sync |
| | downloading | | warning |
| | active call | | missed call |
| | airplane mode | | microSD card |
| | new text message | | alarm set |
| | new email | | calendar |
| | new voicemail | | music |
| | vibrate | | speakerphone on |
| | sound off | | call mute |
| | battery (charging) | | battery (full charge) |

**Tip:** To see today's date, touch the status bar at the top of the screen.

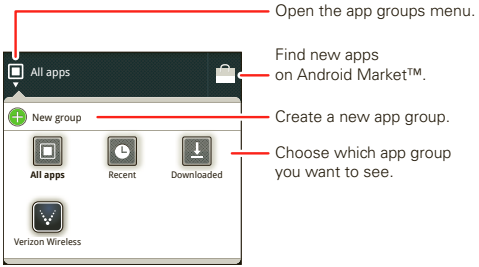
# APPS & UPDATES

*get the app you want*

## QUICK START: APPS & UPDATES

You can find all of your apps in one place. From the home screen, touch to open the app menu. To see all of your app panels, flick left and right.

From the app menu, touch to view or create app groups.




To close the app menu, touch Home or Back .

## BROWSE & INSTALL APPS

Get all the fun games and cool apps you want! Android Market™ provides access to applications developed by developers worldwide, so you can find the app you want.

**Find it:** > **Market**

Scroll to and touch the app you want to install. Then, touch **Install** (if app is free) or **Buy**.

New apps that you install are added to the app menu.

**Tip:** Find more apps by going to market.android.com on your computer.

**Tip:** Choose your apps and updates carefully, from trusted sites like **Market**, as some may impact your phone's performance—see "**CHOOSE CAREFULLY**" on page 10.

**Note:** When installing an app, make sure you read the alerts that tell you what information the app will access. If you don't want the app to have access to this information, cancel the installation.

## RECENT APPS

Your smartphone remembers the apps that you used most recently. From the app menu, touch **All apps** > **Recent**.

## MANAGE & RESTORE APPS

From the home screen, touch Menu > **Manage Apps**.

Touch an app in the list, then touch **Uninstall** (for apps you downloaded), **Clear cache**, or other options.

To reinstall apps from Android Market, touch > **Market**, then touch Menu > **My apps**. Previously installed apps are listed and available for download.

## CHOOSE CAREFULLY

Apps are great. There's something for everyone. Play, communicate, work, or have fun. But remember, choose your apps carefully. Here are a few tips:

- To help prevent spyware, phishing, or viruses from affecting your phone or privacy, use apps from trusted sites, like **Market**.
- In **Market**, check the apps' ratings and comments before installing.
- If you doubt the safety of an app, don't install it.
- Like all apps, downloaded apps will use up memory, data, battery, and processing power—some more than others. For example, a simple battery level widget will use less than a streaming music player app. After installing an app, if you're not happy with how much memory, data, battery or processing

power it's using, uninstall it. You can always install it again later.

- Just like web browsing, you may want to monitor childrens' access to apps to help prevent exposure to inappropriate content.
- Certain apps may not provide completely accurate information. Use caution, especially when it comes to personal health.

## IMPORTANT CUSTOMER INFORMATION

Please be advised that many services and applications offered through this unique device are provided by Google™ and various application developers. If you use, link to, or download a Google service, or an application such as a non-Verizon Wireless location based GPS-type service, chat room, marketplace or social network from this device, you should carefully review the terms of such service or application. If you use any of these non-Verizon Wireless services or applications, personal information you submit may be read, collected, or used by the service or application provider and/or other users of those forums.

Motorola Mobility, Inc. and Verizon Wireless are not responsible for your use of those applications or information you choose to submit or share with others. Specific terms and conditions, terms of use, and privacy policies apply to those applications and services. Please review carefully any and all terms and conditions applicable to those applications and services including those related to any location-based services for any particular privacy policies, risks or waivers.

Your Verizon Wireless customer agreement terms and conditions and certain other specifically identified terms govern your use of any Verizon Wireless products and services.

## UPDATE MY SMARTPHONE

You can check, download, and install smartphone software updates using your smartphone, or using your computer:

- Using your smartphone:

  You may get an automatic notification of an available update on your smartphone. Simply follow the instructions to download and install.

  To manually check for updates, touch Menu > **Settings** > **About phone** > **System updates**.

  Your smartphone downloads any updates over your mobile network. Remember, these updates can be quite large (25MB or more) and may not be available in all countries. If you don't have an unlimited data plan, or mobile network updates are not available in your country, you can update using a computer.

- Using your computer:

  On your computer, go to www.motorola.com/support and check the "Software" links. If an update is available, follow the installation instructions.

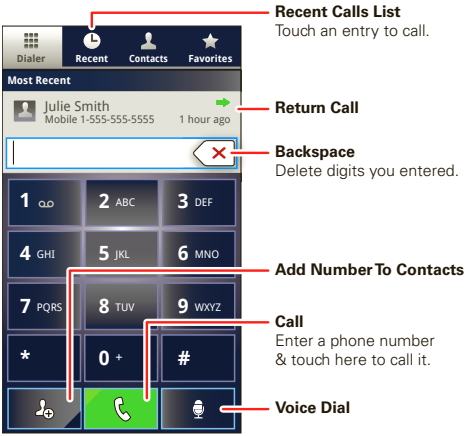
# CALLS

*it's good to talk*

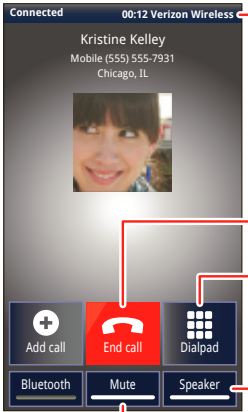
## QUICK START: CALLS

### DIALING OPTIONS

From the home screen, touch **Dialer**.



## IN-CALL OPTIONS




**Call Timer**

**End Call**
Hang up.

**Dialpad**
Enter numbers during a call.

**Speakerphone**
Turn the speakerphone on or off.

**Mute**
Mute or unmute the call.

To use a Bluetooth® device, touch **Bluetooth**. (The device must be turned on and previously paired—see "**CONNECT NEW DEVICES**" on page 42.)

**Note:** Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

**Tip:** You can touch Home or Back to leave the active call display. To reopen it, touch Home > **Dialer**.

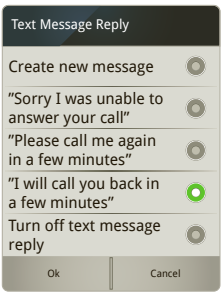
## MAKE & ANSWER CALLS

To make a call, touch **Dialer**, enter a number, then touch .

**Tip:** If the screen is locked, drag to the right first.

To answer a call when the screen is active, touch Answer. When the screen is locked, answer by dragging to the right.

To ignore a call, touch Ignore. Your smartphone gives you the option to send a text message to the caller. Select a message and touch **Ok** to send it, or touch **Cancel** to exit without sending a message.


Text Message Reply
Create new message
"Sorry I was unable to answer your call"
"Please call me again in a few minutes"
"I will call you back in a few minutes"
Turn off text message reply
Ok
Cancel

**Tip:** To silence an incoming call alert, press Power or the volume keys.

**Note:** When you hold the smartphone to your ear, the display goes dark to prevent accidental touches. When you move the smartphone away from your ear, the display lights up again.

## RECENT CALLS

**Find it:** **Dialer** > **Recent**

- To select a call list, touch and select **All calls**, **Missed calls**, **Received calls**, or **Outgoing calls**.
- To call a number, touch next to the entry.
- To send a text message, create a contact, view a contact, or other options, touch and hold an entry.
- To clear the list, touch Menu > **Clear list**.

## FREQUENT CALLS

**Find it:** **Dialer** > **Favorites**

- To call a number, touch next to the entry.
- To send a text message, view a contact, or other options, touch and hold an entry.
- To add a contact to **Favorites**, select the contact, and touch the star in the upper right corner. The star turns green.

## CONFERENCE CALLS

To start a conference call, call the first number. After the call connects, touch **Add call**. Dial the next number, or select it from contacts or favorites. When the next number answers, touch **Merge**.

## YOUR PHONE NUMBER

**Find it:** Menu > **Settings** > **About phone** > **Status** > **My Phone number**

## TTY MODE

Your smartphone can use an optional teletypewriter (TTY) device, for people who are hard of hearing or have a speech impairment.

1. Plug the TTY device into the smartphone's headset jack.
2. Touch Menu > **Settings** > **Call settings** > **TTY mode**, and choose a TTY setting.

## EMERGENCY CALLS

**Note:** Your service provider programs one or more emergency phone numbers that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

1. Touch **Dialer** (if your smartphone is locked, touch **Emergency Call**).
2. Enter the emergency number.
3. Touch to call the emergency number.

**Note:** Your phone can use location based services (GPS and AGPS) to help emergency services find you. See "**LOCATION SERVICES (GPS & AGPS)**" on page 58.

## COOL DOWN

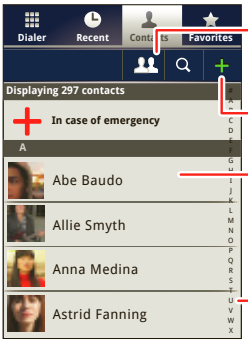
In very limited circumstances, such as where your phone has been exposed to extreme heat, you may see "Cool Down" messages. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in "Cool Down" mode, only emergency calls can be made.

# CONTACTS

*contacts like you've never had before*

## QUICK START: CONTACTS

**Find it:** > **Contacts**




**Group**
Create & view groups of contacts.

Add contacts.

**Contacts List**
Touch to view contact information. Touch & hold to call, send a text message, & more.

Touch a letter to jump to contact names that start with the letter.

**Tip:** To search the list, touch to open a touchscreen keypad, then type a name. When you flick or drag the list, a scroll bar appears that you can drag to move the list faster.

## TRANSFER CONTACTS

Get all your contacts, all in one place. Here's a few helpful hints:

- Use Gmail™

  All your Gmail contacts will automatically get synced to your phone. Various computer applications for mobile phones and email accounts allow you to export your contacts as a ".CSV" file. You can then use Gmail to import the file. For more details, go to www.motorola.com/transfercontacts or log in to your Gmail account on your computer and select "Help".

- More

  There are other methods and tools to help you at www.motorola.com/transfercontacts.

## LINK CONTACTS

You might have two or more contacts for the same person, maybe a Gmail contact who is also stored on your phone, or one friend with two email addresses. To combine these contacts:

**Find it:** > **Contacts**

Touch a contact to open it, then touch Menu > **Edit contact** > Menu > **Join** > touch the second contact > **Save**.

## CALL OR EMAIL CONTACTS

**Find it:** > **Contacts**

For **View contact**, **Call contact**, **Text contact**, or other options, touch and hold the contact.

## VIEW & USE CONTACTS

When you set up a social networking account (see "**SOCIAL NETWORKING** on page 20"), you'll know what everybody's up to and when. Every time you pick up a call, check a message, or look up a friend's contact info, sure, you'll see their name and number, but you can see their social network status and smiling face, too.

**Find it:** > **Contacts**

- To find a contact, type the contact name.

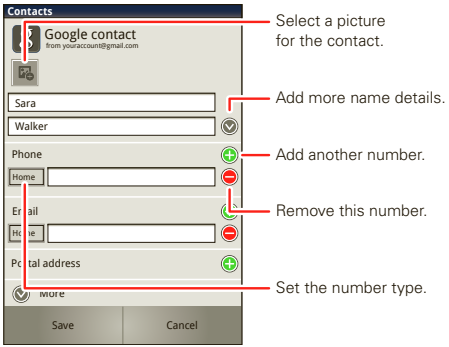
  Touch a contact to open its details. While viewing details, you can start a call or message by touching icons next to the phone number, email address, or social network. To see your interactions with the person, touch **Contact History**.

- To change which group of contacts is shown (**All**, **Facebook**, and so on) touch the filter name at the top.

- To change how you view the list of contacts, flick left or right at the bottom of the screen to select **History** (recently used), **A-Z** (list without status), or **Status** (list with status).

## CREATE CONTACTS

**Find it:** > **Contacts** >




Touch any entry area to open the touchscreen keypad.

When you're finished, touch **Save**.

**Where are contacts saved?** Your smartphone saves new contacts in its memory and on the Google Server or Backup Assistant™, if you have a subscription. It also updates your social networking account.

## EDIT OR DELETE CONTACTS

**Find it:** > **Contacts**

Touch the contact, then touch Menu > **Edit contact** or **Delete contact**.

## SYNCHRONIZE CONTACTS

When you change one of your contacts, your smartphone automatically updates your other social networking accounts. When you change a social networking friend, your smartphone updates your contacts.

## GROUPS

**Find it:** > **Contacts** > > *group name*

You can put your contacts into groups that you create (like "friends", "family", or "work"). Then, you can find contacts faster by showing one group at a time.

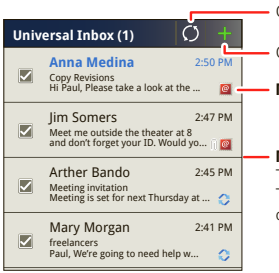
To create a new group, touch **Contacts** > , then touch Menu > **New group**.

# MESSAGING

*sometimes it's best to text, or IM, or email . . .*

## QUICK START: MESSAGING

**Find it:** > **Messaging** > **Universal Inbox**




**Tip:** To see more messages, flick or drag up.

## READ & REPLY TO MESSAGES

**Find it:** > **Messaging** > **Universal Inbox**

**Note: Universal Inbox** shows all of your messages together—text, email, and social networking messages. To show only one type of message, touch a message type instead of **Universal Inbox**.

- To **open** a text message or social networking message and all of its replies, touch it.
- To **respond** to a message, just open it and enter your response in the text box at the bottom.

  To **forward** a text message, touch and hold a message in the conversation, then touch **Forward message**.

  For email, touch to choose a reply or forward option.
- To open options, touch and hold a message.

## CREATE MESSAGES

**Find it:** > **Messaging** >

Choose a message type, such as **Text Message** or **Facebook**. Then, enter the recipient and message. In text messages and emails, touch Menu for options like **Insert...** or **Attach Files**.

## SEND & RECEIVE ATTACHMENTS

To send a file in a message, open a new message and touch Menu > **Insert**.

When you receive a message with an attachment, open the message and touch the file name to download it. Then, touch the name again to open it. Some file formats can be converted to HTML for faster viewing, and your smartphone will show **Get HTML version**.

While viewing the attachment, touch it to save it, share it, and more.

**Tip:** To send and receive large attachments faster, use a Wi-Fi connection (see "**Wi-Fi**" on page 39).

## SET UP MESSAGING

To add email accounts, touch > **My Accounts** > **Add account**.

- **Corporate Sync** is for Exchange server work email accounts. Enter details from your IT administrator.

  **Tip:** You might need to enter your domain name with your user name (like *domain/username*).

- **Email** is for most personal email accounts. For account details, contact the account provider.

To change your settings, touch > **Messaging**, touch Menu, then touch:

- **Manage accounts** to add or remove an account.
- **Edit Universal Inbox** to choose which accounts show messages in the **Universal Inbox**.
- **Settings** to set the notification for each account type (along with other preferences, for email).

**Tip:** For social network accounts, see "**Add Accounts**" on page 20.

## EMAIL

The first time you turned on your smartphone (see "**Set Up & Go**" on page 3), you probably logged in to your Gmail™ account. You can add any other email account that you set up.

To add other email accounts to your **Messages** widget and **Universal Inbox**, touch > **My Accounts** > **Add account** > **Email**.

## INSTANT MESSAGES

To send and receive instant messages, you can use Google Talk™.

**Find it:** > **Talk**

**Tip:** You can also download an instant messaging app from Android Market™.

## VOICEMAIL

When you have a new voicemail, appears at the top of the screen. Drag down the status bar and touch the **New voicemail** notification to listen to your voicemail message.

If you need to change your voicemail number, in the home screen touch Menu > **Settings** > **Call settings** > **Voicemail settings**.

# SOCIAL NETWORKING

*my life, your life*

## YOUR SOCIAL NETWORKING ACCOUNT

Integrate and sync all your contacts, emails, and social networking sites. No opening and closing apps and menus. Just touch the **Social Networking** and **Social Status** widgets on your home screen.

**Tip:** Use the gallery to view all of yours and your friends' online albums. Touch > **Gallery**.

## ADD ACCOUNTS

You can add your **Facebook**, **MySpace**, **Twitter**, or other accounts to your social networking account. If you don't have accounts on these sites, visit their websites to set them up.

To set up email accounts, see "**SET UP MESSAGING**" on page 19.

**Find it:** > **My Accounts** > **Add account**

Add an account by touching it. Then enter your user name and password for that account.

When you sign into social networking accounts, you'll see your friends and contacts in your **Contacts** list, and your status and updates can appear in your **Social Networking** widget.

**Twitter and MySpace messages** will always appear as "read" on your smartphone, but your smartphone notifies you when you receive a new message. MySpace marks your messages as "read" online.

**Tip:** To download updates faster, see "**WI-FI**" on page 39.

## EDIT & DELETE ACCOUNTS

**Find it:** > **My Accounts**

Touch and hold an account, then touch **Open account** to edit it, or touch **Remove account** to remove it (along with its contacts and messages).

**Note:** You can't delete the Google™ account you used or created when you set up your smartphone.

# TEXT ENTRY

*keys when you need them*

## TOUCHSCREEN KEYPAD

You can open a keypad on your screen by touching a text box. To close the keypad, touch Back.

## INPUT METHODS

To select an input method, touch and hold a text entry area on the screen to open the **Edit text** menu. Touch **Input method**, then touch the method you want.

## SWYPE™ TEXT ENTRY

Enter words with one continuous motion. Just drag your finger over the letters in the word.

To enter a word, just trace a path through the letters. To capitalize, go above the the keypad. For double letters, circle the letter.

### Tips:

- To enter apostrophes in common words (like “I’ll”), drag through the **n** as though it was an apostrophe.
- To enter several symbols, other punctuation, or numbers, touch **SYM**.
- To correct a word, double-tap it. Swype shows a small menu of other word options. Swype might also show a menu if it can’t guess your word.
- If Swype doesn’t know a word, you can still touch the letter keys to enter it. Swype remembers, so next time you can just drag over the letters.

## MULTI-TOUCH KEYBOARD

Enter text a letter at a time. As you type, your smartphone suggests words from your dictionary and chosen language. The smartphone also automatically enters apostrophes in some words, like "dont."

To add a word to your dictionary, touch and hold the word, then select **Add "word" to dictionary**.

## TYPING TIPS

| To... | |
|---|---|
| Enter **one capital** letter | Touch Shift ⇧. |
| Enter **only capital** letters, until you touch Shift ⇧ again | Touch Shift ⇧ twice. Touch again to revert to lowercase. |
| **Move** the text entry cursor | Touch the text where you want the cursor to go. |
| **Select** text | Touch and hold text, then touch **Select text** or **Select all**. |
| **Cut** or **Copy** selected text | Touch and hold text, then touch **Cut** or **Copy**. |
| **Paste** cut or copied text at cursor location | Touch and hold location to paste, then touch **Paste**. |
| **Delete** character to left of cursor | Touch Delete ⌫ (hold to delete more). |

## TEXT INPUT SETTINGS

**Find it:** Menu ▦ > **Settings** > **Language & keyboard**

- To edit your dictionary, touch **User dictionary**.
- To change the language and the style for your touchscreen keypad, touch **Select locale**.
- To change input method and settings, touch **Swype** or **Multi-touch keyboard**.

# TIPS & TRICKS

*a few handy hints*

## GENERAL TIPS

- Screen brightness changes as your smartphone senses the current lighting conditions.
- To return to home screen, touch Home.
- To see recently dialed numbers, touch **Dialer** > **Recent**.
- To sleep/wake your smartphone, press Power.
- To set screen timeout, touch Menu > **Settings** > **Display** > **Screen timeout**.
- To search, touch Search.
- To voice search, touch and hold Search.
- To show the most recent apps you've used, touch and hold Home.
- To change one of the dock shortcuts at the bottom of the home screen, touch and hold the shortcut, then select the shortcut you want to replace it.
- To turn sound on/off, press and hold Power > **Silent mode**.
- To turn airplane mode on/off, press and hold Power > **Airplane mode**.

## BATTERY TIPS

Want to extend your battery life? Try these:

- To select a battery mode that suits your smartphone use, touch Menu > **Settings** > **Battery & data manager** > **Battery mode**.
- To turn off automatic applications sync, touch Menu > **Settings** > **Battery & data manager** > **Data delivery**.
- To turn off Bluetooth® power, touch Menu > **Settings** > **Wireless & networks** > **Bluetooth**.
- To turn off Wi-Fi power, touch Menu > **Settings** > **Wireless & networks** > **Wi-Fi**.

# DIGITAL LIVING

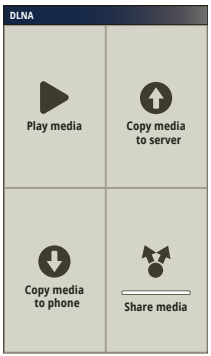
*connect and enjoy*

**Note:** Copyright—do you have the right? Always follow the rules. See "Content Copyright" in your legal and safety information.

## SHARE, COPY, & PLAY MEDIA

Share your photos, videos, and songs with friends and family easily.

**Find it:** > **DLNA**




**Note:** Connect to a Wi-Fi network (see "**Wi-Fi**" on page 39). You'll need to allow access to other devices to download media from your smartphone and to share your files. If you want to access media files on other devices, they need to allow access.

- **Play media**—Select media for playback on another device in a Wi-Fi network.
- **Copy media to server**—Sync the media files on your smartphone with other devices.
- **Copy media to phone**—Copy a picture from one smartphone to another.
- **Share media**—Allow other devices to access media files on your smartphone. Without downloading any media from your smartphone, other people can view your pictures or videos, or play your songs, on their own devices.

## HD VIEWING

You can create your own HD videos (see "**HD videos**" on page 27) to view on your wide screen HDTV or monitor.

1. Connect an HDMI cable (sold separately) from the HDMI port on your smartphone (see "**your smartphone**" on page 2) to an HDMI port on the TV monitor.
2. Adjust the viewable area on the HDMI screen by touching Menu > **Settings** > **HDMI**.

## MIRROR MODE

Connect your smartphone to your HDTV, monitor, or projector so you can view and interact with your smartphone on the big screen. Show off your photos, videos, and downloaded movies. Enjoy the big screen for gaming, movies, the web, and more. Just connect your smartphone to an HDTV or monitor using an optional HD cable. Everything you see on your display will appear on the big screen as well.

# PHOTOS & VIDEOS

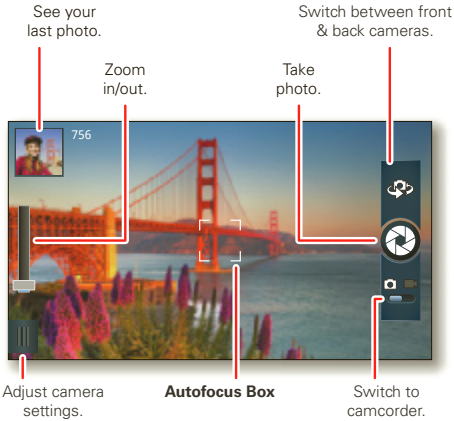
*see it, capture it, share it!*

## PHOTOS

### TAKE & SHARE PHOTOS

Take that family photo, and post it online for everyone to see.

**Find it:** **Camera**




**Note:** Photos are stored in your phone's internal memory, unless you switch it to the microSD memory card. Photo resolution can be set to 8MP or **Widescreen** (6MP).

**Tip:** Press the volume keys to zoom in and out on the viewfinder image.

To **take** the photo, touch in the viewfinder.

Your phone stores the photo, and shows a thumbnail image of the photo in the corner of the screen. To see the photo you just took, touch the thumbnail. Then:

- To **set** the photo as a wallpaper, contact photo, or social network photo, touch Menu > **Set as**.
- To **send** the photo in a message or post it online, touch . For more info on sharing your photos, see "**SHARE PHOTOS & VIDEOS**" on page 29.
- To **upload** the photo to an online photo album, touch .
- To **print** the photo, touch Menu > **More** > **Print** to open the MOTOPRINT app. Touch **Search printers** to send the picture to a shared printer on a Wi-Fi network.
- To **delete** the photo, touch Menu > **Delete**.

## PANORAMIC PHOTOS

In the viewfinder, touch Menu > **Modes** > **Panorama** to take a wide panoramic photo. The camera auto-captures up to six multiple shots as you move the camera, and joins them together to make one large image.

## CAMERA SETTINGS

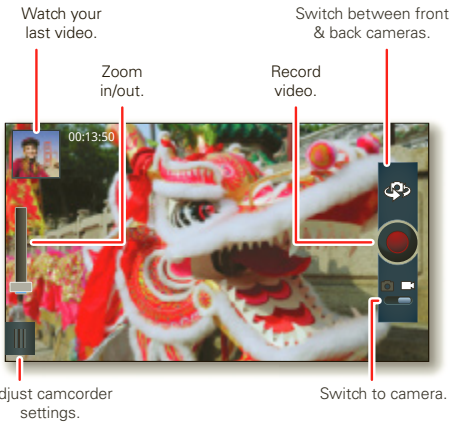
In the viewfinder, drag the tab in the lower-left corner of the screen (or touch Menu) to adjust camera settings:

| Options | |
|---|---|
| **Settings** | • **Widescreen** (6MP) or 8MP photo resolution<br>• **Video Resolution**<br>• **Storage Location** (phone or SD card)<br>• **Geo-Tag** (auto location information)<br>• **Shutter Tone** |
| **Effects** | Set a photo effect: **Normal**, **Black and White**, **Negative**, and more. |
| **Scenes** | Set the type of photo you want to take: **Auto**, **Portrait**, **Landscape**, **Sport**, and more. |
| **Modes** | Set to **Single shot**, **Panorama**, or **Multi-shot**. |
| **Brightness** | Set the viewfinder image brightness level. |
| **Flash** | Set **Flash On**, **Flash Off**, or **Auto Flash**. |

# VIDEOS

## RECORD & SHARE VIDEOS

**Find it:** > **Camcorder**




To **record** a video, touch in the viewfinder. To **stop** the video recording, touch again.

Your phone stores the video, and shows a thumbnail image of the video in the corner of the screen. To see the video you just took, touch the thumbnail. Then:

- To **play** the video, touch .
- To **send** the video in a message or post it online, touch . For more info on sharing your video, see "**SHARE PHOTOS & VIDEOS**" on page 29.
- To **upload** the video to an online album, touch .
- To **delete** the video, touch Menu > **Delete**.

## HD VIDEOS

You can capture HD-quality videos to watch on an HDTV or monitor.

To record an HD quality video, be sure to select the correct **Video resolution**. From the active camcorder viewfinder, touch Menu > **Settings** > **Video Resolution** > **HD+ (1080p)** or **High Definition (720p)**.

To enhance the video quality, touch Menu > **Scenes** or **Effects**.)

## CAMCORDER SETTINGS

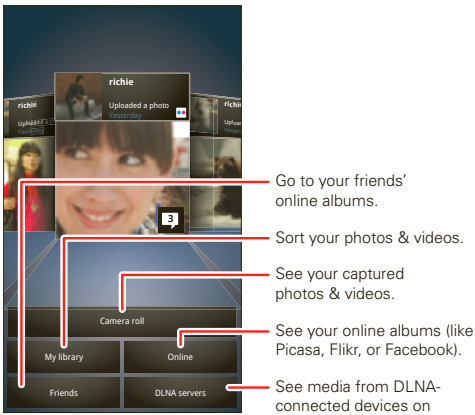
In the viewfinder, drag the tab in the lower-left corner of the screen (or touch Menu ) to adjust camcorder settings:

| Options | |
|---|---|
| **Settings** | • **Widescreen**<br>• **Video Resolution** (1080p, 720p, DVD, VGA, CIF, or QVGA)<br>• **Storage Location** (phone or SD card)<br>• **Geo-Tag** (auto location information)<br>• **Shutter Tone** |
| **Effects** | Set a video effect: **Normal**, **Black and White**, **Negative**, and more. |
| **Audio Scenes** | Set sound recording options: **Everyday**, **Outdoors**, **Concert**, **Narrative**, or **Subject**. |
| **Modes** | Set to **Normal video** or **Video Message**. |
| **Brightness** | Set the viewfinder image brightness level. |
| **Light** | Turn the camcorder light on or off. |

## VIEW PHOTOS & VIDEOS

**Find it:** > **Gallery**

View all of your photos and your friends' photos/videos from different media sites like Picasa™, Flickr, PhotoBucket, and Facebook™. You can add comments to others' photos, and see comments that others have posted.



**Note:** To see the controls when a video is playing, touch the display.

### SHARE PHOTOS & VIDEOS

**Find it:** > **Gallery** > *photo* or *video*

Touch , then choose how you want to share—like **Bluetooth**, **Email**, **Text Messaging**, an online album, and more.

### MANAGE PHOTOS & VIDEOS

**Find it:** > **Gallery** > *photo* or *video*

Touch Menu , then select **Edit**, **Delete**, **Add to album**, **Set as** (photo), or **Map** (video). Touch **More** for additional options.

**Tip:** To copy photos to/from a computer, go to "**USB CONNECTION**" on page 43.

### EDIT PHOTOS & VIDEOS

**Find it:** > **Gallery** > *photo* or *video*

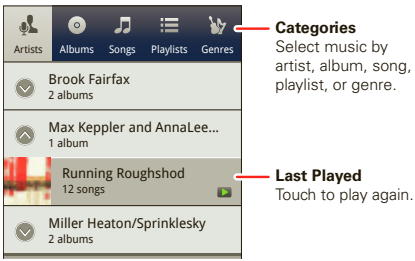
Touch Menu > **Edit.** You can choose advanced editing features to resize, crop, or change the color.

# MUSIC

*when music is what you need...*

## QUICK START: MUSIC

**Find it:** > **Music**




Touch a category, then touch the song or playlist you want to play. Touch Menu > **Shuffle all** to randomly play all your songs.

**Tip:** When a song is playing, you can add it to a playlist by touching Menu > **Add to playlist**.

**Tip:** To listen to music during a flight, turn off all your network and wireless connections: Press and hold Power then touch **Airplane mode**.

# SET UP MUSIC

## WHAT MUSIC TRANSFER TOOLS DO I NEED?

To put music on your computer and then load it on your smartphone, you need:

- Microsoft® Windows® computer or Apple® Macintosh® computer.
- USB data cable (included with your smartphone).
- microSD memory card (included with your smartphone).

  Your smartphone supports removable microSD memory cards up to 32GB capacity. To make sure your memory card is installed, go to "**ASSEMBLE & CHARGE**" on page 3.

  **Tip:** To see the available memory on your memory card, from the home screen touch Menu > **Settings** > **Storage**.

## WHAT AUDIO FILE FORMATS CAN I PLAY?

Your smartphone can play many types of files: AAC, AAC+, AAC+ Enhanced, AMR NB, AMR WB, MP3, WAV, WMA v9, and MIDI.

## WHAT HEADPHONES CAN I USE?

Your smartphone has a 3.5mm headset jack for wired stereo listening. You can go wireless with Bluetooth® stereo headphones or speakers (see "**BLUETOOTH® WIRELESS**" on page 41).

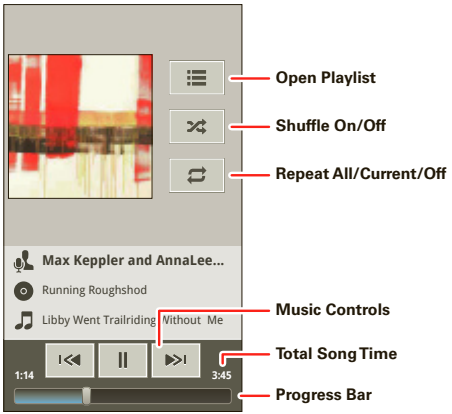
# GET MUSIC

Transfer music from your computer to your smartphone using a USB cable connection. See "**USB CONNECTION**" on page 43 to learn how.

**Note:** Copyright—do you have the right? Always follow the rules. See "Content Copyright" in your legal and safety information.

## PLAY MUSIC

Touch a song or playlist to start playing music.




## MUSIC PLAYER CONTROLS

| To... | |
|---|---|
| **Play/pause** | Touch ▶/⏸. |
| **Select previous/next song** | Touch ⏮/⏭. |
| **Fast forward/rewind** | Touch and hold ⏮/⏭. |
| **View playlist** | Touch ☰. |
| **Shuffle on/off** | Touch ⤮. |
| **Repeat all/current/off** | Touch ⟲. |
| **Adjust volume** | Press side volume keys. |
| **View library** | Touch Menu > **Library**. |
| **Manage speakers** | Touch Menu > **Audio effects**. |
| **Add to playlist** | Touch Menu > **Add to playlist**. |
| **Use as ringtone** | Touch Menu > **Use as ringtone**. |

| To… | |
|---|---|
| **Use as notification** | Touch Menu > **Use as notification**. |
| **Delete** | Touch Menu > **Delete**. |

## HIDE, WAKE, TURN OFF

Touch Home to use another app. Your music continues to play.

When you see in the status bar, a song is playing. Flick down to see details. Touch the song to return to the music controls.

To turn off your music, touch .

## PLAYLISTS

To add a song from the music library to a playlist, touch and hold the song then touch **Add to playlist**. Choose an existing playlist, or touch **New** to create one.

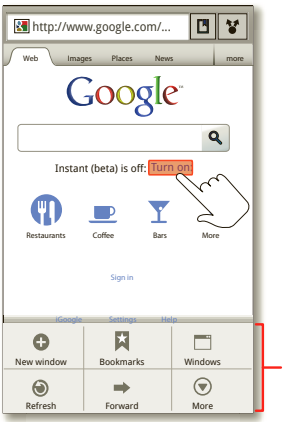
To edit, delete and rename playlists, touch and hold the playlist in the music library.

# WEB

*surf the web with your smartphone*

## QUICK START: BROWSER

**Find it: Browser**




Touch a link to select it. Touch & hold for more options.

Touch Menu for browser options.

**Tip:** To zoom, touch the display with two fingers, then move them apart.

## CONNECT

Your smartphone uses the mobile phone network (over the air) or a Wi-Fi connection to automatically access the Web.

**Note:** Your service provider may charge to surf the Web or download data.

If you want to use a Wi-Fi network for faster Internet access, touch the status bar at the top of the home screen and drag it down. Touch the **Wi-Fi networks available** notification to select a preferred network. For more info, see "**Wi-Fi**" on page 39.

**Note:** If you can't connect, contact your service provider.

## PLAY WEB VIDEOS

The browser features the Adobe® Flash® Player, which adds animation, video, and interactivity to web pages. Touch ▶ to begin video playback. Double-tap the video during playback to enlarge it for better viewing.

## BROWSER OPTIONS

Touch Menu to see browser options:

| Options | |
|---|---|
| **New window** | Open a new browser window. |
| **Bookmarks** | See your bookmarks. |
| **Windows** | View open browser windows. |
| **Refresh** | Reload the current page. |
| **Forward** | Go to previously viewed pages. |
| **More** | View additional browser options. |

## YOUTUBE™

Share videos with YouTube users everywhere. You don't need a YouTube account to browse and view videos.

**Find it:** > **YouTube**

**Note:** If you want a YouTube account, go to www.youtube.com. To create an account or sign in, touch Menu > **My Channel**. To **Browse** or **Upload** videos, touch Menu.

# PERSONALIZE

*add your personal touch*

## WIDGETS

### ADD WIDGETS

1 Touch and hold an empty spot on your home screen.

**Tip:** Flick left or right to see other panels.

2 Touch **Widgets** and choose a widget.

### SET UP WIDGETS

You can customize some widgets. Touch a widget to open it, then touch Menu.

Your home screen may already have these widgets:

- **Universal Inbox**: Change the widget name or choose how long it shows new messages. To add email accounts, "SET UP MESSAGING" on page 19.
- **Music**: Set this widget to an artist, album, song, playlist, genre, or just touch Menu > **Shuffle all**. There's more about "MUSIC" on page 29.
- **News**: Change the widget name, choose how long it shows new stories, or choose a news source. To choose a source, touch, then choose preset **Bundles** or **Channels**, or choose **Custom** to enter a URL for a **Webpage** or an **RSS feed**.
- **Weather**: Change temperature units or add locations. To add locations, touch, enter a city, and touch **Search**. When you open the weather widget, flick left to see other locations you added.

## SHORTCUTS

To add shortcuts for apps, bookmarks, and more to the home screen, touch and hold an empty spot on the home screen, touch **Shortcuts**, and select a shortcut.

**Tip:** To change one of the dock shortcuts at the bottom of the home screen, touch and hold the shortcut, then select the shortcut you want to replace it.

## RINGTONES

Personalize your ringtones:

**Find it:** Menu > **Settings** > **Sound** > **Phone ringtone** or **Notification ringtone**

To set your vibrate options:

**Find it:** Menu > **Settings** > **Sound** > **Vibrate**

To set a song as a ringtone:

**Find it:** > **Music** and play the song, then touch Menu > **Use as ringtone**

**Note:** To choose from thousands more songs, visit verizonwireless.com/ringtones.

## WALLPAPER

Apply a new wallpaper:

1. Touch and hold an empty spot on your home screen.
2. Touch **Wallpapers**.
3. Touch **Gallery**, **Live wallpapers**, or **Wallpapers**, and choose a wallpaper.

## SOUNDS

- To set volume for ringtones, media, and alarms, touch Menu > **Settings** > **Sound** > **Volume**.
- To play dial pad tones, touch Menu > **Settings** > **Sound** > **Audible touch tones**.
- To play sound on a screen selection, touch Menu > **Settings** > **Sound** > **Audible selection**.
- To customize the sound settings for media and videos, touch Menu > **Settings** > **Sound** > **Media audio effects** > **Phone speaker**.

## DISPLAY SETTINGS

- To set display brightness, touch Menu > **Settings** > **Display** > **Brightness**.
- To set orientation, touch Menu > **Settings** > **Display** > **Auto-rotate screen**.
- To set animation, touch Menu > **Settings** > **Display** > **Animation**.

**Note:** Some apps are designed so that your smartphone can "animate" them by rotating, fading, moving, and stretching one or more images.

## DATE & TIME

Set date, time, time zone, and formats:

**Find it:** Menu > **Settings** > **Date & time**

## LANGUAGE & REGION

Set your menu language and region:

**Find it:** Menu > **Settings** > **Language & keyboard** > **Select locale**

# NAVIGATION

*toss away your maps*

Your phone comes with Google Maps™ Navigation, a navigation system with voice guidance that shows you the way.

**Find it:** > **Navigation**

**Turn-by-turn directions.** You'll never wonder where to turn.

**3-d lane guidance.** Preview your route and destination. You can look around to see landmarks and turns.

**Connected navigation.** Get live traffic reports and alerts. Select alternate routes.

**Note:** Availability may vary by market.

**Navigation linked to contacts.** Store an address or location information and you're two touches away from seeing it on a map.

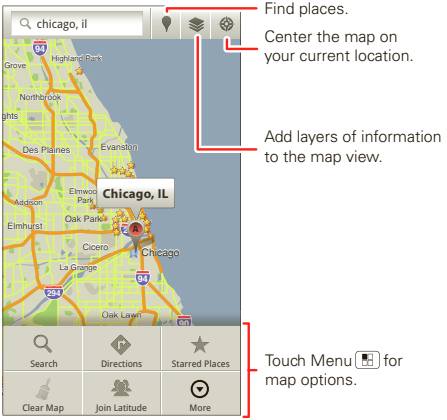
For step-by-step instructions, go to www.google.com/mobile/navigation.

# GOOGLE MAPS™

*where you are, where you're going*

## QUICK START: MAPS

**Find it:** > **Maps**




**Note:** The map image you see may be a little different.

Google Maps offers powerful, user-friendly mapping technology and local business information—including business locations, contact information, and driving directions.

For help, touch Menu > **More** > **Help**.

**Tip:** Want to know what's in your immediate area? Try Google Places™. Touch > **Places** to see listings for **Restaurants**, **ATMs**, **Gas Stations**, and more based on your current location.

## GOOGLE LATITUDE™

### JOIN LATITUDE

See where your friends and family are on Google Maps™. Plan to meet up, check that your parents got home safely, or just stay in touch.

Don't worry, your location is not shared unless you agree to it. You need to join Google Latitude, and then invite your friends to view your location or accept their invitations. When using Google Maps, touch Menu > **Join Latitude**. Read the privacy policy and if you agree with it, touch **Agree & Share**.

### ADD & REMOVE FRIENDS

**Find it:** > **Latitude**

To add friends:

1 Touch .

2 Touch **Select from Contacts**, then touch a contact. Or, touch **Add via email address**, then enter an email address.

3 Touch **Yes** to send a sharing request.

If your friends already use Google Latitude, they'll receive an email request and a notification. If they have not yet joined Google Latitude, they'll receive an email request that invites them to sign in to Google Latitude with their Google™ account.

To remove friends:

1 Touch Menu > **Latitude** to show your list of friends, then touch a friend in your list.

2 Touch **Remove this friend**.

### SHARE LOCATION

When you receive a request to share location details you can choose to:

- **Accept and share back**—See your friend's location, and your friend can see yours.
- **Accept, but hide my location**—See your friend's location, but they can't see yours.
- **Don't accept**—Location information is not shared between you and your friend.

### HIDE YOUR LOCATION

To hide your location from a friend, touch Menu > **Latitude** to show your list of friends. Touch a friend on the list, then touch **Sharing options** > **Hide from this friend**.

### TURN OFF GOOGLE LATITUDE

Touch Menu > **Latitude** to show your list of friends. Touch Menu > **Settings** > **Sign out of Latitude**.

## WEBTOP APPLICATION

*extend your capabilities*

Webtop application instantly extends the capabilities of your DROID BIONIC™ by Motorola smartphone. Connect to a Motorola Lapdock™, HD Station, or Adapter for webtop application to expand your smartphone's interface onto any full-sized monitor or HDTV. The webtop application launches a full Firefox® 4.0 browser and gives you access to your phone's interface and Android apps, letting you surf the web, make a call, send a text, stream a movie on Netflix, or run Google Docs. Multiple windows let you do it all at the same time—something other smartphones just can't do. The Motorola Lapdock has an integrated 11.6" screen and a full keyboard so you can stay productive anywhere. Pair a wired or wireless keyboard and mouse with HD Station or Adapter for webtop application to enhance your productivity with the webtop application.

### CONNECT THE WEBTOP APPLICATION

Connect your smartphone to the Motorola Lapdock to automatically launch the webtop application.

Connect your smartphone to an HD display using the optional HD Station or Adapter for webtop application, then choose the webtop application from the application menu.

When you're done using the webtop application, just disconnect your phone from the accessory.

## CONTROL THE WEBTOP APPLICATION

To navigate the webtop application display:

- In the **Phone** window, you can open your phone apps.
- At the bottom of the screen, you'll see **App Shortcuts**.

  You can open multiple Firefox browsers.
- At the top right of the screen, you'll see icons for status and **Settings**.

  For help in the webtop application, open **Settings** > **Help** at the top right of the screen.

## SEND CURRENT WEB PAGE TO PHONE

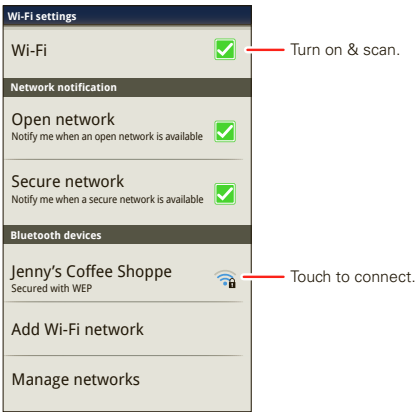
When you find an interesting web page in the webtop application, you can send it to your smartphone to view after undocking. In the Firefox browser, select File > Send to phone. If prompted to complete the action, select Browser. The web page opens in your phone browser.

# Wi-Fi

*home, office, or hotspot*

## QUICK START: Wi-Fi

**Find it:** Menu > **Settings** > **Wireless & networks** > **Wi-Fi settings**



## TURN WI-FI ON OR OFF

**Find it:** Menu > **Settings** > **Wireless & networks** > **Wi-Fi**

**Note:** To extend battery life, turn off Wi-Fi power when not in use.

## WI-FI SEARCH & CONNECT

When Wi-Fi is **turned on**, the Wi-Fi in range indicator appears in the status bar when a network is available. Drag down the status bar and touch the **Wi-Fi networks available** notification to select and connect to a network.

To search for a network when Wi-Fi is **turned off**:

1. Touch Menu > **Settings** > **Wireless & networks** > **Wi-Fi settings**.
2. Touch **Wi-Fi** to turn on and scan. Your smartphone lists the networks it finds within range.

   **Tip:** To see your smartphone's MAC address or other Wi-Fi details, touch Menu > **Advanced**.
3. Touch a network to connect.
4. If necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**. When your smartphone is connected to the network, the Wi-Fi connected indicator appears in the status bar.

**Tip:** When you are in range and Wi-Fi power is on, you will automatically reconnect to available networks you've connected to before.

## WI-FI HOTSPOT

**Caution:** This application will significantly impact battery life. You may want to run this application with the charger connected.

**Note:** You need to subscribe to Wi-Fi hotspot service to use this feature. Contact your service provider.

Set up your smartphone as a Wi-Fi hotspot to provide portable, convenient internet access to other Wi-Fi enabled devices.

### ACTIVATE HOTSPOT

**Find it:** > **Mobile Hotspot** > **Mobile Hotspot**

When your Wi-Fi hotspot is active, other Wi-Fi enabled devices can connect by entering your hotspot's **SSID**, selecting a **Security** type, and entering the correct **Wireless password**,

### SETUP

**Note:** Risks can be associated with connecting to the public internet. It is highly recommended that you take steps to protect your smartphone from unauthorized access.

To set up and add encryption to your Wi-Fi hotspot:

**Find it:** > **Mobile Hotspot** > **Configure Mobile Hotspot**

Touch a setting to modify it:

- **Network SSID**—Enter a unique name for your hotspot and touch **Next**.
- **Security**—Select the type of security you want, and touch **Save**: **WEP**, **WPA**, or **WPA2**. Enter a unique password. Other users can access your Wi-Fi hotspot only if they enter the correct password.

  **Note:** Keep it secure. To protect your phone and hotspot from unauthorized access, it is strongly recommended that you set up hotspot **Security** (**WPA2** is the most secure), including password.
- **Broadcast Channel**—Select a channel that minimizes potential interference. You may need to try different channels after your hotspot is active for a time.

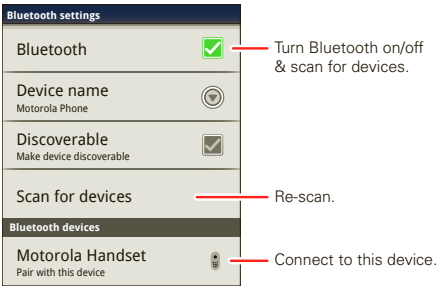
Touch **Save** when the settings are complete.

# BLUETOOTH® WIRELESS

*lose the wires*

## QUICK START: BLUETOOTH WIRELESS

**Find it:** Menu > **Settings** > **Wireless & networks** > **Bluetooth settings**




## TURN BLUETOOTH POWER ON OR OFF

**Find it:** Menu > **Settings** > **Wireless & networks** > **Bluetooth**

**Note:** To extend battery life, turn Bluetooth power off when not in use.

## CONNECT NEW DEVICES

**Note:** This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, just turn on the device.

1. Make sure the device you are pairing with is in discoverable mode.

   **Note:** Refer to the guide that came with the device for details.

2. Touch Menu > **Settings** > **Wireless & networks** > **Bluetooth settings**.
3. Touch **Bluetooth** to turn on and scan. If Bluetooth power is already on, touch **Scan for devices**.
4. Touch a device to connect.
5. If necessary, touch **OK**, or enter the device passkey (like **0000**) to connect to the device. When the device is connected, the Bluetooth connected indicator appears in the status bar.

**Note:** Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

## RECONNECT DEVICES

To automatically reconnect your smartphone with a paired device, simply turn on the device.

To manually reconnect your smartphone with a paired device, touch the device name in the **Bluetooth devices** list.

## DISCONNECT DEVICES

To automatically disconnect your smartphone from a paired device, simply turn off the device.

To manually disconnect your smartphone from a paired device, touch the device name in the devices list, then touch **OK**.

## CHANGE DEVICE NAME

Touch Menu > **Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**. Enter a name and touch **OK**.

# MEMORY CARD & FILE MANAGEMENT

*copy photos, music, and more*

## MEMORY CARD

**Note:** Your music, photos, and other files are automatically stored on your smartphone's internal memory. You can set individual applications (camera, camcorder, etc.) to store files on the microSD card.

### DELETE OR SHARE FILES ON YOUR SMARTPHONE

**Find it:** > **Files** > **Internal phone storage** or **SD card**

Touch a file or folder to open, then touch and hold a file to **Delete** or **Share**.

### REMOVE OR FORMAT YOUR MEMORY CARD

**Note:** Do not remove your memory card while your smartphone is using it or writing files on it.

Before you remove or format your memory card you need to unmount it. Touch Menu > **Settings** > **Storage** > **Unmount SD card**.

To format your memory card, touch **Format SD card**.

**Warning:** All data on your memory card will be deleted.

## USB CONNECTION

You can connect your smartphone to a computer with a USB cable.

**Note:** The first time you use a USB connection, your computer may indicate that drivers are being installed. Follow any prompts you see to complete the installation. This may take a few minutes.

1. With your smartphone showing the home screen, connect a Motorola micro USB data cable from your smartphone's micro USB port to a USB port on your computer. Your smartphone should show in the status bar.

   **Note:** Make sure to connect the smartphone to a high power USB port. Typically, these are located directly on your computer.

2. Drag and drop files between your computer and smartphone folders. When you're done, use "Safely Remove Hardware" before disconnecting the USB cable.

**Note:** If you're using a memory card, you can't use the files on your memory card with your smartphone while it is connected to the computer.

# TOOLS

*stay on top of things*

## ZUMOCAST

Stream videos and music from your computer directly to your smartphone! View pictures and download documents with ease. The free ZumoCast app lets you access or stream data to your smartphone from your home or work computers. Blazing 4G LTE speeds provide secure, nearly instant remote access to your files.

To get started, touch > **ZumoCast** and follow the on-screen instructions to create an account on your smartphone.

You'll be prompted to download and install the ZumoCast client on your computer, log in to the same account, and specify which computer files you want to share.

Then, complete the setup process on your smartphone to access your shared files.

## MOTOPRINT

Print email, documents, pictures, and contacts directly to shared printers on a Wi-Fi network—no printer drivers necessary. MOTOPRINT automatically discovers networked printers for you. You can even save your favorite printers and geo-tag their location for future use.

### PRINT A DOCUMENT OR FILE

To print something from the **Email**, **Quickoffice**, or **Gallery** apps, open it and touch Menu > **Print**.

To print something directly from the **MOTOPRINT** app, touch > **MOTOPRINT**, then select a document type and follow the on-screen instructions.

### ADD A PRINTER

**Find it:** > **MOTOPRINT**, touch Menu > **Manage printers**, touch Menu > **Add printer**

### MOTOPRINT HOST

To print to a non-compatible or non-networked printer connected to your Windows® computer, you need to install free MOTOPRINT Host software on the computer. You can download MOTOPRINT Host at www.motorola.com.

To print something using MOTOPRINT Host:

**Find it:** > **MOTOPRINT**, touch Menu > **Manage printers**, touch Menu > **Add printer** > **MOTOPRINT host**

Select MOTOPRINT Host running on your computer, then select the printer you want to use.

## ALARM CLOCK

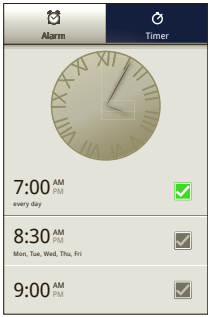
**Find it:** > **Alarm & Timer**

To turn on an alarm, touch the check box.

When an alarm sounds, select **Dismiss** to turn it off or touch the screen to snooze for five minutes.

To add an alarm, touch Menu > **Add alarm**, then enter alarm details.

To enable or disable an alarm, touch the check box.




## CALCULATOR

**Find it:** > **Calculator**

To switch between basic and advanced functions, touch Menu > **Advanced panel** or **Basic panel**. To clear history, touch Menu > **Clear history**.

## CALENDAR

**Find it:** > **Calendar**

Your calendar events can be viewed in different ways: Touch > **Agenda**, **Day**, **Week**, or **Month**. When you highlight an event, more details appear.

**Tip:** Add a calendar widget to your home screen by touching and holding an empty space. Then touch **Widgets** > **Calendar**.

### ADD CALENDAR EVENTS

From any view, touch . Enter the event start time and other details. You can even set a reminder so you don't forget about the event. (When you set the reminder time to **0 minutes**, it plays at the event start time.)

**Tip:** Reminders will play only if you've selected a notification ringtone (see "**RINGTONES**" on page 34).

When you finish entering event details, touch **Save**.

### MANAGE CALENDAR EVENTS

To edit an event, touch and hold it, then touch **Edit event**. When you're done, touch **Save**.

To delete an event, touch and hold it, then touch **Delete event**.

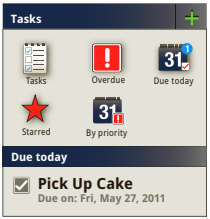
To go to today, touch > **Show today**.

## TASKS

**Find it:** > **Tasks**

To add a task, touch .

Touch an icon to view your tasks by due date, priority, and more.




## ACCESSIBILITY

See, hear, speak, feel, and use. Accessibility features are there for everyone, helping to make things easier.

**Note:** For general information, accessories, and more, visit www.motorola.com/accessibility

### VOICE RECOGNITION

Use your voice—just touch and speak.

- **Dialing and commands**: Touch > **Voice Commands**. To dial, say "**Call**" and then a contact name or phone number. Or, say a command from the list shown, like "**Send Message**" or "**Go To**".
- **Search**: Touch and hold Search , then say what you want to search for, like "Motorola accessories".
- **Text entry**: Touch a text entry field to open the touchscreen keypad. Touch , then say what you want to type.

**Tip:** Speak naturally, but clearly. Use the microphone in a similar way to a speakerphone, so no need to shout or hold the phone close to your mouth.

To change your voice settings, see "**VOICE SETTINGS**" on page 47.

### VOICE READOUTS (TALKBACK)

Your navigation and selections, read out loud.

To turn on voice readouts (similar to TalkBack), touch Menu > **Settings** > **Accessibility**. Touch **Accessibility** to enable the settings, then touch **Voice Readouts**.

**Note:** You may be asked to download additional "text-to-speech" software (data charges may apply).

To use voice readouts:

- **Menus and screens**: In menus and screens, touch an item to highlight it (the item will be read out loud), and double-touch to open it.

  **Note:** Touch a home screen widget or shortcut to open it.
- **Dialer & text entry**: As you type, each number or letter is read out loud.
- **Notification**: When you drag the notifications bar down, all notifications are read out loud.

**Tip:** Navigate through your apps and menus to hear how voice readouts work on your phone.

To change your voice settings, see "**VOICE SETTINGS**" on page 47.

## CALLER ID

When you want to **hear** who's calling:

- **Read out loud**: Have your caller announced—touch Menu > **Settings** > **Call settings** > **Caller ID Readout**.
- **Ringtones**: Assign a unique ringtone to a contact—touch **Contacts**, open a contact, then touch Menu > **Options** > **Ringtone**.

To change your voice settings, see "**VOICE SETTINGS**" on page 47.

## VOICE SETTINGS

Personalize your voice settings:

- **Voice recognition**: Touch Menu > **Settings** > **Voice input & output** > **Voice recognizer settings**. From here, you can set options like language and censorship.
- **Voice commands**: Touch > **Voice Commands** > Menu > **Settings**. From here, you can refine recognition of your voice (**Adaptation**) and set options like prompts and shortcuts.
- **Text-to-speech**: Touch Menu > **Settings** > **Voice input & output** > **Text-to-speech settings**. From here, you can set options like speed and language.

## VOLUME & VIBRATE

Choose volume and vibrate settings that work for you. Touch Menu > **Settings** > **Sound**:

- **Volume**: Touch **Volume** and use the sliders.

  **Tip:** To set separate ring and notification volumes, uncheck **Use incoming call volume for notifications**.
- **Vibrate**: Select **Vibrate** > **Always** to feel your phone ring.

## ZOOM

Get a closer look. Open a magnification window that you can drag around the screen, or slide your fingers apart to zoom in on maps, web pages, and photos.

- **Magnification window**: Touch Menu > **Settings** > **Accessibility**. Touch **Accessibility** to enable the settings, then touch **Zoom Mode**.
- **Pinch to zoom**: To zoom in, touch the screen with two fingers and then slide them apart. To zoom out, slide your fingers together.

## DISPLAY BRIGHTNESS

Set a brightness level that works for you. Touch Menu > **Settings** > **Display** > **Brightness**. Make sure

that **Automatic brightness** is unchecked so you can set your own level.

## TOUCHSCREEN & KEYS

All these touch features are great, and sometimes it's nice to hear or feel your touches too. Touch Menu > **Settings** > **Sound**:

- **Touchscreen**: To hear screen touches (click), select **Audible selection**.
- **Keys**: To feel key touches (vibrate), select **Haptic feedback**.
- **Screen lock**: To hear when you lock/unlock the screen (click), select **Screen lock sounds**.

## MESSAGES

From a simple text message to IM, email, and more. Create, send, and receive them all, in one place.

**Find it:** > **Messaging** > **Universal Inbox**

And to make text entry even easier, you can use features like auto-correct, auto-punctuate, and auto-capitalization—touch Menu > **Settings** > **Language & keyboard** > **Multi-touch keyboard**. Of course if you don't want to type at all, then use your voice—touch on the touchscreen keypad.

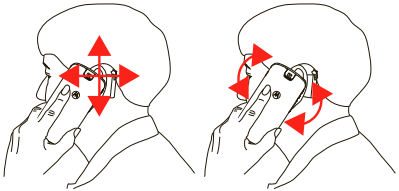
## HEARING AIDS

To help get a clear sound when using a hearing aid or cochlear implant, your phone may have been rated for use with hearing aids. If your phone's box has "Rated for Hearing Aids" printed on it, then please read the following guidance.

**Note:** Ratings are not a guarantee of compatibility, see "Hearing Aid Compatibility with Mobile Phones" in your legal and safety information. You may also want to consult your hearing health professional, who should be able to help you get the best results.

- **Settings**: Touch Menu > **Settings** > **Call settings** > **HAC Mode Settings**. Select **Microphone** to optimize your phone for microphone coupling, or select **Telecoil** to optimize your phone for telecoil coupling.
- **Call volume**: During a call, press the side volume keys to set a call volume that works for you.

- **Position**: During a call, hold the phone to your ear as normal, and then rotate/move it to get the best position for speaking and listening.



## TTY

You can use your phone in TTY mode with standard teletype machines. Touch Menu > **Settings** > **Call settings > TTY mode** and select the mode you need:

- **TTY Full**: Type and read text on your TTY device.
- **TTY HCO**: Hearing-Carry-Over—type text on your TTY device and listen to voice replies on your phone's speaker.
- **TTY VCO**: Voice-Carry-Over—speak into your phone and read text replies on your TTY device.

**Note:** You'll need a cable/adapter to connect your TTY device to the headset jack on your phone.

Refer to your TTY device guide for mode and usage information.

## APPS

Want more? No problem. Android Market™ provides access to thousands of apps, and many provide useful accessibility features.

**Find it:** > **Market**

Select a category or touch Search to find the app you want.

**Tip:** Choose your apps carefully, from trusted sites like **Market**, as some may impact your phone's performance.

# MANAGEMENT

*stay in control*

## WIRELESS MANAGER

**Find it:** Menu > **Settings** > **Wireless & networks**

Manage all your wireless connections: Wi-Fi, Bluetooth®, airplane mode, & mobile networks.

### AIRPLANE MODE

Use airplane mode to turn all your wireless connections off—useful when flying. Press and hold Power > **Airplane mode**.

**Note:** When you select airplane mode, all wireless services are disabled. You can then turn Wi-Fi and/or Bluetooth back on, if permitted by your airline. Other wireless voice and data services (such as calls and text messages) remain off in airplane mode. Emergency calls to your region's emergency number can still be made.

## NETWORK

You should not need to change any network settings. Contact your service provider for help.

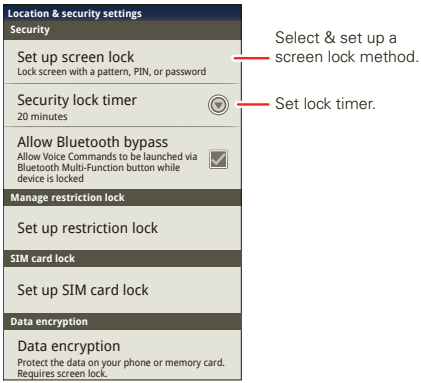
Touch Menu > **Settings** > **Wireless & networks** > **Mobile networks** to show options for roaming networks, network selection, operator selection, and access point names.

# SECURITY

*help keep your smartphone safe*

## QUICK START: SECURITY

**Find it:** Menu > **Settings** > **Location & security**


Location & security settings
Security
Set up screen lock
Lock screen with a pattern, PIN, or password
Security lock timer
20 minutes
Allow Bluetooth bypass
Allow Voice Commands to be launched via Bluetooth Multi-Function button while device is locked
Manage restriction lock
Set up restriction lock
SIM card lock
Set up SIM card lock
Data encryption
Data encryption
Protect the data on your phone or memory card. Requires screen lock.
Select & set up a screen lock method.
Set lock timer.

## SCREEN LOCK

To prevent accidental touches, you can make the screen lock when it goes to sleep. Touch Menu > **Settings**

> **Location & security** > **Change screen lock**, then select the lock type:

- **Pattern lock**—draw a pattern to unlock.
- **PIN**—enter a numeric PIN to unlock.
- **Password lock**—enter a password to unlock.

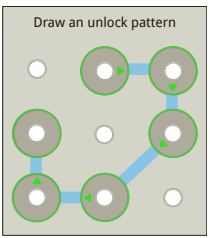
**Note:** You can make emergency calls on a locked smartphone (see "**EMERGENCY CALLS**" on page 14). A locked smartphone still rings, **but you need to unlock it to answer**.

## LOCK PATTERN

To set the lock pattern, touch Menu > **Settings** > **Location & security** > **Change screen lock** > **Pattern lock**.

Follow the instructions to draw your lock pattern.

When prompted, draw the pattern to unlock the smartphone.




## PIN LOCK

To set a PIN, touch Menu > **Settings** > **Location & security** > **Change screen lock** > **PIN**.

Enter a numeric PIN, then confirm it.

When prompted, enter the PIN to unlock the smartphone.

## PASSWORD LOCK

To set the password, touch Menu > **Settings** > **Location & security** > **Change screen lock** > **Set password**.

Enter a password (up to eight characters), then confirm it.

When prompted, enter the password to unlock the smartphone.

## PERSONALIZE YOUR LOCK SCREEN

To change your timeout, touch Menu > **Settings** > **Location & security** > **Security lock timer**. If you don't touch the screen or press any keys for the amount of time you select, the screen locks automatically.

## LOCK & UNLOCK

To lock the screen/smartphone:

- Press Power .
- Let the screen time out (don't press anything).
- Switch off the power.

To unlock the screen/smartphone, press Power , or touch Home . Or switch on the smartphone to view the lock screen.

## FORGOT YOUR PATTERN OR PASSCODE?

If you forget your pattern or passcode, contact your service provider.

## RESET

To reset your smartphone to factory settings and erase all the data on your smartphone, touch Menu > **Settings** > **Privacy** > **Factory data reset** > **Reset phone**.

**Warning:** All data on your smartphone will be deleted. (Nothing on your memory card is deleted.)

## REMOTE WIPE A LOST OR STOLEN SMARTPHONE

Don't you just hate it when your life is on your smartphone and it all goes wrong? Lost, or even worse—stolen! If necessary, you can use your email account on a Microsoft® Exchange ActiveSync 2007 server to clear the personal data from your smartphone and memory card.

You need to be assigned permissions before you can remote wipe data from your smartphone and memory card. Contact your IT system administrator for the information and permissions you need to perform the remote wipe procedure.

**Warning:** All downloaded apps and user data on your smartphone and memory card will be deleted.

# TROUBLESHOOTING

*we're here to help*

## CRASH RECOVERY

In the unlikely event that your smartphone stops responding to touches and key presses, try a quick reset. Remove the back cover and battery ("**ASSEMBLE & CHARGE**" on page 3), then replace and switch your smartphone on as usual.

## SERVICE & REPAIRS

If you have questions or need assistance, we're here to help.

Go to www.motorola.com/repair (United States) or www.motorola.com/support (Canada), where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-734-5870 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

## Battery Use & Safety

The following battery use and safety information applies to all Motorola mobile devices. If your mobile device uses a non-removable main battery (as stated in your product information), details related to handling and replacing your battery should be disregarded—the battery should only be replaced by a Motorola-approved service facility, and any attempt to remove or replace your battery may damage the product.

**Important: Handle and store batteries properly to avoid injury or damage.** Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

**DON'Ts**

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the mobile device or battery come in contact with liquids.*** Liquids can get into the mobile device's circuits, leading to corrosion.
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your mobile device or battery near a heat source.*** High temperatures can cause the battery to swell, leak, or malfunction.
- **Don't dry a wet or damp battery with an appliance or heat source**, such as a hair dryer or microwave oven.

**DOs**

- **Do avoid leaving your mobile device in your car in high temperatures.***
- **Do avoid dropping the mobile device or battery.*** Dropping these items, especially on a hard surface, can potentially cause damage.*
- **Do contact your service provider or Motorola if your mobile device or battery has been damaged by dropping, liquids or high temperatures.**

*** Note:** Always make sure that the battery compartment and any connector covers are closed and secure to avoid direct exposure of the battery to any of these conditions, even if your product information states that your **mobile device** can resist damage from these conditions.

**Important: Motorola recommends you always use Motorola-branded batteries and chargers for quality assurance and safeguards.** Motorola's warranty does not cover damage to the mobile device caused by non-Motorola batteries and/or chargers. To help you identify authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. You should confirm that any battery you purchase has a "Motorola Original" hologram.

If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and try charging it again;
- If the message remains, contact a Motorola authorized service center.

**Warning:** Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

**Proper and safe battery disposal and recycling:** Proper battery disposal is not only important for safety, it benefits the environment. You can recycle your used batteries in many retail or service provider locations. Additional information on proper disposal and recycling can be found at www.motorola.com/recycling

**Disposal:** Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.

**Warning:** Never dispose of batteries in a fire because they may explode.

## Battery Charging

**Notes for charging your product's battery:**

- During charging, keep your battery and charger near room temperature for efficient battery charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

# Third Party Accessories

Use of third party accessories, including but not limited to batteries, chargers, headsets, covers, cases, screen protectors and memory cards, may impact your mobile device's performance. In some circumstances, third party accessories can be dangerous and may void your mobile device's warranty. For a list of Motorola accessories, visit www.motorola.com/products

# Driving Precautions

Responsible and safe driving is your primary responsibility when behind the wheel of a vehicle. Using a mobile device or accessory for a call or other application while driving may cause distraction. Using a mobile device or accessory may be prohibited or restricted in certain areas, always obey the laws and regulations on the use of these products.

**While driving, NEVER:**

- Type or read texts.
- Enter or review written data.
- Surf the web.
- Input navigation information.
- Perform any other functions that divert your attention from driving.

**While driving, ALWAYS:**

- Keep your eyes on the road.
- Use a handsfree device if available or required by law in your area.
- Enter destination information into a navigation device **before** driving.
- Use voice activated features (such as voice dial) and speaking features (such as audible directions), if available.
- Obey all local laws and regulations for the use of mobile devices and accessories in the vehicle.
- End your call or other task if you cannot concentrate on driving.

Remember to follow the "Smart Practices While Driving" in this guide and at www.motorola.com/callsmart (in English only).

# Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing videos or games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing videos or games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are tired.

# Caution About High Volume Usage

**Warning:** Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our website at direct.motorola.com/hellomoto/nss/AcousticSafety.asp (in English only).

# Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

# Children

**Keep your mobile device and its accessories away from small children.** These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

Similar to a computer, if a child does use your mobile device, you may want to monitor their access to help prevent exposure to inappropriate apps or content.

## Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

## Operational Warnings

Obey all posted signs when using mobile devices in public areas.

### Potentially Explosive Atmospheres

Areas with potentially explosive atmospheres are often, but not always, posted and can include fueling areas, such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain dust, or metal powders.

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries unless it is a radio product type especially qualified for use in such areas as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL approved). In such areas, sparks can occur and cause an explosion or fire.

### Symbol Key

Your battery, charger, or mobile device may contain symbols, defined as follows:

| Symbol | Definition |
|---|---|
| | Important safety information follows. |
| | Do not dispose of your battery or mobile device in a fire. |
| | Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information. |
| | Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information. |
| | Do not use tools. |
| | For indoor use only. |

## Radio Frequency (RF) Energy

### Exposure to RF Energy

Your mobile device contains a transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your mobile device, the system handling your call controls the power level at which your mobile device transmits.

Your mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

### RF Energy Operational Precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions:

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 cm (1 inch) from your body when transmitting.
- Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our website at: www.motorola.com.

## RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances, your mobile device may cause interference with other devices.

## Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so.
In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

## Implantable Medical Devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

# Specific Absorption Rate (FCC)

## YOUR MOBILE DEVICE MEETS FCC LIMITS FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) adopted by the Federal Communications Commission (FCC). These limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 1.6 W/kg.

Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the FCC guidelines for your device model are listed below:

| | | |
|---|---|---|
| Head SAR | CDMA 800/1900, Wi-Fi, Bluetooth | 0.88 W/kg |
| Body-worn SAR | CDMA 800/1900, Wi-Fi, Bluetooth | 0.94 W/kg |

During use, the actual SAR values for your device are usually well below the values stated. This is because, for purposes of system efficiency and to minimize interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

Body-worn SAR testing has been carried out using an approved accessory or at a separation distance of 2.5 cm (1 inch). To meet RF exposure guidelines during body-worn operation, the device should be in an approved accessory or positioned at least 2.5 cm (1 inch) away from the body. If you are not using an approved accessory, ensure that whatever product is used is free of any metal and that it positions the phone at least 2.5 cm (1 inch) away from the body. If you are interested in further reducing your RF exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body. Additional information can be found at www.motorola.com/rfhealth.

# FCC Notice to Users

**The following statement applies to all products that bear the FCC logo on the product label.**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. See 47 CFR Sec. 15.105(b). These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.

- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(a)(3).

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

For products that support Wi-Fi 802.11a (as defined in the product specifications available at www.motorola.com), the following information applies. This equipment has the capability to operate Wi-Fi in the 5 GHz Unlicensed National Information Infrastructure (U-NII) band. Because this band is shared with MSS (Mobile Satellite Service), the FCC has restricted such devices to indoor use only (see 47 CFR 15.407(e)). Since wireless hot spots operating in this band have the same restriction, outdoor services are not offered. Nevertheless, please do not operate this device in Wi-Fi mode when outdoors.

# Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5. This Class B digital apparatus complies with Canadian ICES-003.

# Location Services (GPS & AGPS)

The following information is applicable to Motorola mobile devices that provide location based (GPS and/or AGPS) functionality.

Your mobile device can use *Global Positioning System* (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of Defense policy and the Federal Radio Navigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use *Assisted Global Positioning System* (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

## Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

## Emergency Calls

When you make an emergency call, the cellular network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

# Navigation

The following information is applicable to Motorola mobile devices that provide navigation features.

When using navigation features, note that mapping information, directions and other navigational data may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic, and all other factors that may impact driving. Always obey posted road signs.

# Smart Practices While Driving

**Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example, handsfree use only may be required. Go to** www.motorola.com/callsmart **(in English only) for more information.**

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial, redial and voice dial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number (wherever wireless phone service is available), as you would want others to do for you.
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number (wherever wireless phone service is available).

# Privacy & Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Use your device's security and lock features, where available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure Personal Information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.
  **Note:** For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support
- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account, and how to use security features such as remote wipe and device location (where available).
- **Applications and updates**—Choose your apps and updates carefully, and install from trusted sources only. Some apps can impact your phone's performance and/or have access to private information including account details, call data, location details and network resources.
- **Wireless**—For mobile devices with Wi-Fi features, only connect to trusted Wi-Fi networks. Also, when using your device as a hotspot (where available) use network security. These precautions will help prevent unauthorized access to your device.
- **Location-based information**—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

- **Other information** —Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

# Use & Care

To care for your Motorola mobile device, please observe the following:

**liquids**
Don't expose your mobile device to water, rain, extreme humidity, sweat, or other liquids. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the mobile device.

**extreme heat or cold**
Don't store or use your mobile device in temperatures below -10°C (14°F) or above 60°C (140°F). Don't recharge your mobile device in temperatures below 0°C (32°F) or above 45°C (113°F).

**microwaves**
Don't try to dry your mobile device in a microwave oven.

**dust and dirt**
Don't expose your mobile device to dust, dirt, sand, food, or other inappropriate materials.

**cleaning solutions**
To clean your mobile device, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.

**shock and vibration**
Don't drop your mobile device.

**protection**
To help protect your mobile device, always make sure that the battery compartment and any connector covers are closed and secure.

# Recycling

## Mobile Devices & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste, or in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: www.motorola.com/recycling

## Packaging & Product Guides

Product packaging and product guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

# California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:
Perchlorate Material – special handling may apply when the battery is recycled or disposed of. See www.dtsc.ca.gov/hazardouswaste/perchlorate (in English only).
There is no special handling required by consumers.

# Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box. To maintain the published Hearing Aid Compatibility (HAC) rating for this mobile phone, use only the original equipment battery model.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Contact your service provider or Motorola for information on hearing aid compatibility. If you have questions about return or exchange policies, contact your service provider or phone retailer.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

**M-Ratings:** Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

**T-Ratings:** Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

# Software Copyright Notice

Motorola products may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents, or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

# Content Copyright

The unauthorized copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or materials which you are authorized or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

# Open Source Software Information

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device, you may send your request in writing to the address below. Please make sure that the request includes the model number and the software version number.

MOTOROLA MOBILITY, INC.
OSS Management
600 North US Hwy 45
Libertyville, IL 60048
USA

The Motorola website opensource.motorola.com (in English only) also contains information regarding Motorola's use of open source.

Motorola has created the opensource.motorola.com website to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please

press Menu Key > **Settings** > **About phone** > **Legal information** > **Open source licenses**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

# Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

# Product Registration

Online Product Registration:
www.motorola.com/us/productregistration (in English only)
Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.
Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.
Thank you for choosing a Motorola product.

# Motorola Limited Warranty for the United States and Canada

## What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola Mobility, Inc. warrants its mobile telephones ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories"), and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories, and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

### Products and Accessories

| Products Covered | Length of Coverage |
|---|---|
| **Products and Accessories** as defined above, unless otherwise provided for below. | **One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below. |
| **Decorative Accessories and Cases.** Decorative covers, bezels, PhoneWrap™ covers and cases. | **Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product. |
| **Monaural Headsets.** Ear buds and boom headsets that transmit mono sound through a wired connection. | **Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product. |
| **Products and Accessories that are Repaired or Replaced.** | **The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer. |

### Exclusions (Products and Accessories)

**Normal Wear and Tear.** Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.
**Batteries.** Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.
**Abuse & Misuse.** Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.
**Use of Non-Motorola Products and Accessories.** Defects or damage that result from the use of non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.
**Unauthorized Service or Modification.** Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

**Altered Products.** Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

**Communication Services.** Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

### Software

| Products Covered | Length of Coverage |
|---|---|
| **Software.** Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk). | **Ninety (90) days** from the date of purchase. |

### Exclusions (Software)

**Software Embodied in Physical Media.** No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

**Software NOT Embodied in Physical Media.** Software that is not embodied in physical media (e.g. software that is downloaded from the Internet), is provided "as is" and without warranty.

## Who is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

## What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software, and applications, please create a back up prior to requesting service.

## How to Obtain Warranty Service or Other Information

| | |
|---|---|
| **USA** | 1-800-734-5870 |
| **Canada** | 1-800-461-4575 |
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